

Author Index

- Acedo Valenzuela, M.I., see Galeano Díaz, T. 185
 Almeida Mota, A.M., see Ezequiel Rollemberg, M.C. 17
 Arnold, M.A., see Ding, Q. 333
- B. Morris, J., see Schweitzer, R.C. 285
 B. Zanoni, M.V., see Ferreira, V.S. 159
 Bakshi, B.R.
 — and Utojo, U.
 A common framework for the unification of neural, chemometric and statistical modeling methods 227
 Barnett, N.W.
 —, Hindson, B.J. and Lewis, S.W.
 Determination of Ranitidine and Salbutamol by Flow Injection Analysis with Chemiluminescence Detection 151
 Barrio, R.J., see Rodríguez, E. 63
 Beltrán, J.L., see Ferrer, R. 261
 Berzina, T.S., see Di Natale, C. 249
 Bhoir, I.C., see Patil, S.T. 143
 Blanco, M.
 —, Coello, J., Iturriaga, H., MasPOCH, S. and Pagès, J.
 Calibration in non-linear near infrared reflectance spectroscopy: a comparison of several methods 207
 Borrego, E.
 —, Sicilia, D., Rubio, S. and Pérez-Bendito, D.
 Determination of polysorbates in foods by formation of mixed micelles 175
 Borrego, E.
 —, Sicilia, D., Rubio, S. and Pérez-Bendito, D.
 Pseudo-nonionic complexes as a new approach to the determination of ionic amphiphilic substances 105
 Brereton, R.G., see Zissis, K.D. 71
- Cao, Z., see Xiang, J.-N. 37
 Chen, J.-L., see Liu, C.-Y. 51
 Coello, J., see Blanco, M. 207
 Crowder, M.W.
 —, Numan, A.-q., Haddadian, F., Weitzel, M.A. and Danielson, N.D.
 Capillary electrophoresis of phosphoamino acids with indirect photometric detection 127
- D'Amico, A., see Di Natale, C. 249
 Danielson, N.D., see Crowder, M.W. 127
 Dasgupta, P.K., see Sjögren, A. 135
 Di Natale, C.
 —, Paolesse, R., Macagnano, A., Troitsky, V.I., Berzina, T.S. and D'Amico, A.
 Pattern recognition approach to the study of the interactions between metalloporphyrin Langmuir–Blodgett films and volatile organic compounds 249
 Ding, Q.
 —, Small, G.W. and Arnold, M.A.
 Evaluation of nonlinear model building strategies for the determination of glucose in biological matrices by near-infrared spectroscopy 333
 Dunkerley, S., see Zissis, K.D. 71
- Escott, R.E.A., see Zissis, K.D. 71
 Ezequiel Rollemberg, M.C.
 —, Simões Gonçalves, M.L.S., Almeida Mota, A.M. and Jiménez, F.B.
 Determination of stability constants of labile heterogeneous complexes using differential pulse polarography and anodic stripping voltammetry 17
- Fatibello-Filho, O.
 —, Marcolino-Junior, L.H. and Pereira, A.V.
 Solid-phase reactor with copper(II) phosphate for flow-injection spectrophotometric determination of aspartame in tabletop sweeteners 167
 Ferreira, V.S.
 —, B. Zanoni, M.V. and Fogg, A.G.
 Cathodic stripping voltammetric determination of ceftazidime with reactive accumulation at a poly-L-lysine modified hanging mercury drop electrode 159
 Ferrer, R.
 —, Guiteras, J. and Beltrán, J.L.
 Artificial neural networks (ANNs) in the analysis of polycyclic aromatic hydrocarbons in water samples by synchronous fluorescence 261
 Fogg, A.G., see Ferreira, V.S. 159
 Fujii, A., see Ogura, K. 219
- Gómez de Balugera, Z., see Rodríguez, E. 63
 Galeano Díaz, T.
 —, Acedo Valenzuela, M.I. and Salinas, F.
 Determination of the pesticide Naptalam, at the ppb level, by FIA with fluorimetric detection and on-line preconcentration by solid-phase extraction on C₁₈ modified silica 185
 García Pinto, C., see González Martín, Y. 83

- Goicoechea, H.C.
—, Olivieri, A.C. and Muñoz de la Peña, A.
Determination of theophylline in blood serum by UV spectrophotometry and partial least-squares (PLS-1) calibration 95
- Goicolea, A., see Rodríguez, E. 63
- González Martín, Y.
—, Luis Pérez Pavón, J., Moreno Cordero, B. and García Pinto, C.
Classification of vegetable oils by linear discriminant analysis of Electronic Nose data 83
- Guiteras, J., see Ferrer, R. 261
- Haddadian, F., see Crowder, M.W. 127
- Hindson, B.J., see Barnett, N.W. 151
- Hu, C.-C., see Liu, C.-Y. 51
- Ikeda, S.
—, Morino, H., Motonaka, J. and Mishima, Y.
Ion chromatograph with immobilized alkaline phosphatase reactor for the determination of adenosine phosphates 45
- Iturriaga, H., see Blanco, M. 207
- Ivanciuc, O.
The neural network MolNet prediction of alkane enthalpies 271
- Jiménez, F.B., see Ezequiel Rollemberg, M.C. 17
- K. Hopke, P., see Xie, Y. 193
- Kamaya, M.
—, Kaneko, Y. and Nagashima, K.
Simple method for spectrophotometric determination of cationic surfactants without liquid-liquid extraction 215
- Kaneko, Y., see Kamaya, M. 215
- Kobayashi, M., see Ogura, K. 219
- Lewis, S.W., see Barnett, N.W. 151
- Lin, H.-G., see Xiang, J.-N. 37
- Liu, C.-Y.
—, Hu, C.-C., Chen, J.-L. and Liu, K.-T.
Metallomesogens as stationary phases for the separation of phenols by gas chromatography 51
- Liu, K.-T., see Liu, C.-Y. 51
- Luis Pérez Pavón, J., see González Martín, Y. 83
- Luque de Castro, M.D.
— and Velasco-arjona, A.
Towards the most rational use of robotics within the overall analytical process 117
- Macagnano, A., see Di Natale, C. 249
- Magoíski, J.
Conjugation and proton exchange equilibria: an electrometric method for determination of heteroconjugation constants in solvents of weak proton donating and weak proton accepting properties 27
- Marcolino-Junior, L.H., see Fatibello-Filho, O. 167
- Maspoch, S., see Blanco, M. 207
- McGill, R.A., see Shaffer, R.E. 305
- Mishima, Y., see Ikeda, S. 45
- Moreno Cordero, B., see González Martín, Y. 83
- Morino, H., see Ikeda, S. 45
- Motonaka, J., see Ikeda, S. 45
- Muñoz de la Peña, A., see Goicoechea, H.C. 95
- Nagashima, K., see Kamaya, M. 215
- Nakaoka, K., see Ogura, K. 219
- Nakayama, M., see Ogura, K. 219
- Novič, M., see Vračko, M. 319
- Numan, A.-q., see Crowder, M.W. 127
- Ogura, K.
—, Nakaoka, K., Nakayama, M., Kobayashi, M. and Fujii, A.
Thermogravimetry/mass spectrometry of urease-immobilized sol-gel silica and the application of such a urease-modified electrode to the potentiometric determination of urea 219
- Olivieri, A.C., see Goicoechea, H.C. 95
- Pérez-Bendito, D., see Borrego, E. 105
- Pérez-Bendito, D., see Borrego, E. 175
- Pagès, J., see Blanco, M. 207
- Paolesse, R., see Di Natale, C. 249
- Patil, S.T.
—, Bhoir, I.C. and Sundaresan, M.
Supercritical fluid chromatographic method using phenyl packed column for determination of phenobarbitone and phenytoin sodium in dosage form 143
- Pereira, A.V., see Fatibello-Filho, O. 167
- Rodríguez, E.
—, Barrio, R.J., Goicolea, A. and Gómez de Balugera, Z.
Determination of diflubenzuron and its main metabolites in forestry matrices by liquid chromatography with on-line diode-array and electrochemical detection 63
- Rose-Pehrsson, S.L., see Shaffer, R.E. 305
- Rubio, S., see Borrego, E. 105
- Rubio, S., see Borrego, E. 175
- Salinas, F., see Galeano Díaz, T. 185
- Schweitzer, R.C.
— and B. Morris, J.
The development of a quantitative structure property relationship (QSPR) for the prediction of dielectric constants using neural networks 285
- Shaffer, R.E.
—, Rose-Pehrsson, S.L. and McGill, R.A.
A comparison study of chemical sensor array pattern recognition algorithms 305
- Sicilia, D., see Borrego, E. 105
- Sicilia, D., see Borrego, E. 175
- Simões Gonçalves, M.L.S., see Ezequiel Rollemberg, M.C. 17
- Sjögren, A.
— and Dasgupta, P.K.
A planar microelectrodialytic NaOH generator for eluate conversion after suppressed conductometric detection in ion chromatography 135
- Small, G.W., see Ding, Q. 333

- Sundaresan, M., see Patil, S.T. 143
- Troitsky, V.I., see Di Natale, C. 249
- Utojo, U., see Bakshi, B.R. 227
- Velasco-arjona, A., see Luque de Castro, M.D. 117
- Vračko, M.
—, Novič, M. and Zupan, J.
Study of structure-toxicity relationship by a counterpropagation neural network 319
- Walcarius, A.
Zeolite-modified electrodes in electroanalytical chemistry 1
- Wang, K.-M., see Xiang, J.-N. 37
- Weitzel, M.A., see Crowder, M.W. 127
- Xiang, J.-N.
—, Cao, Z., Yin, X., Wang, K.-M., Lin, H.-G. and Yu, R.-Q.
Thickness-shear-mode acoustic-wave sensor based on *n*-butylamine plasma-deposition film for detection of carboxylic acid vapours 37
- Xie, Y.
— and K. Hopke, P.
Calibration transfer as a data reconstruction problem 193
- Yin, X., see Xiang, J.-N. 37
- Yu, R.-Q., see Xiang, J.-N. 37
- Zissis, K.D.
—, Brereton, R.G., Dunkerley, S. and Escott, R.E.A.
Two-way, unfolded three-way and three-mode partial least squares calibration of diode array HPLC chromatograms for the quantitation of low-level pharmaceutical impurities 71
- Zupan, J., see Vračko, M. 319

